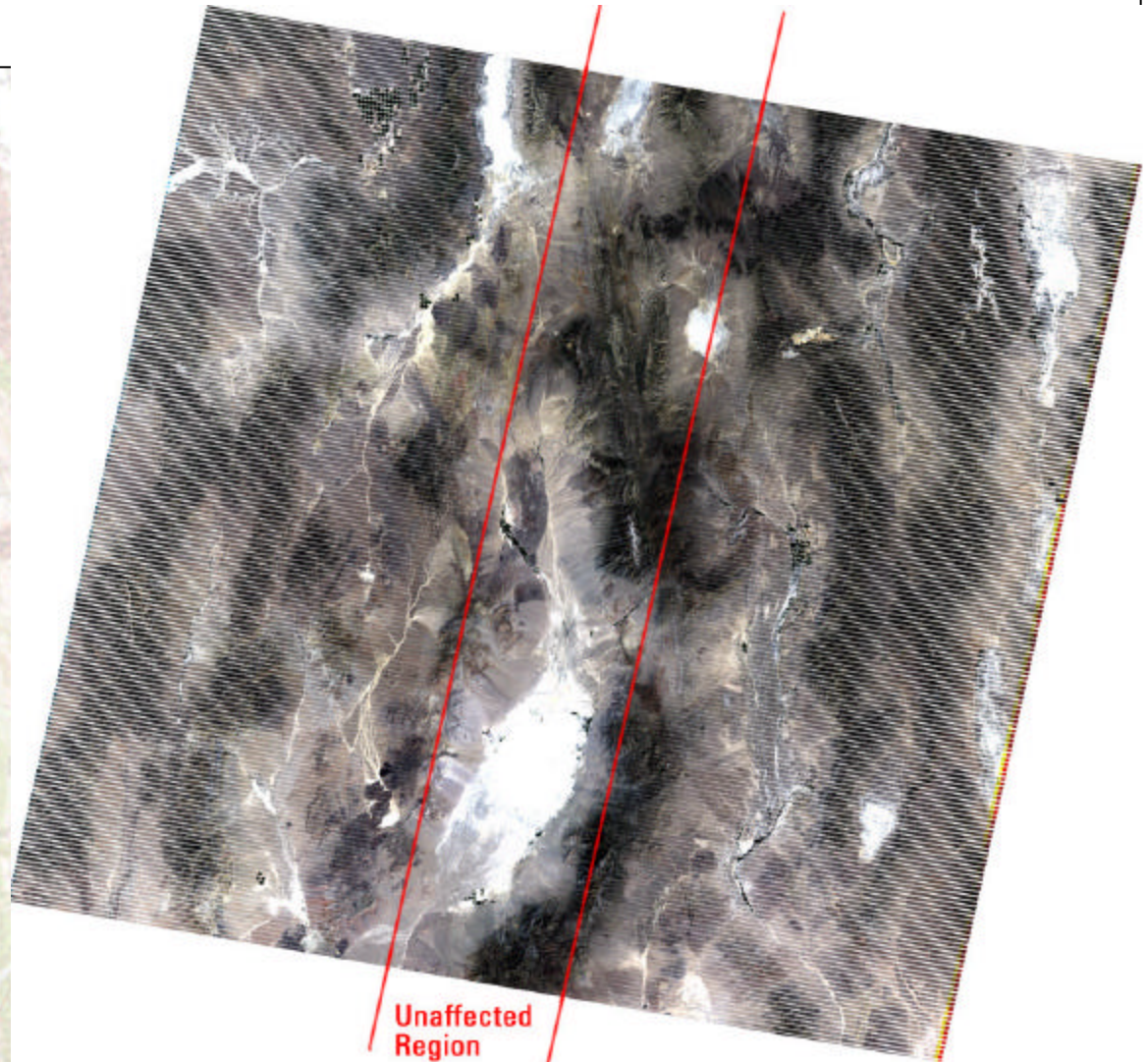


# Landsat 7 Status

- Enhanced Thematic Mapper Plus (ETM+) instrument scan line corrector (SLC) failed on May 31, 2003
- Landsat 7 data, even in degraded mode, still useful to the science and operational agencies, and other users
- Recovery attempt on September 7, 2003 unsuccessful
- Mission will continue with an inoperable SLC

# Impact on Landsat 7 Data

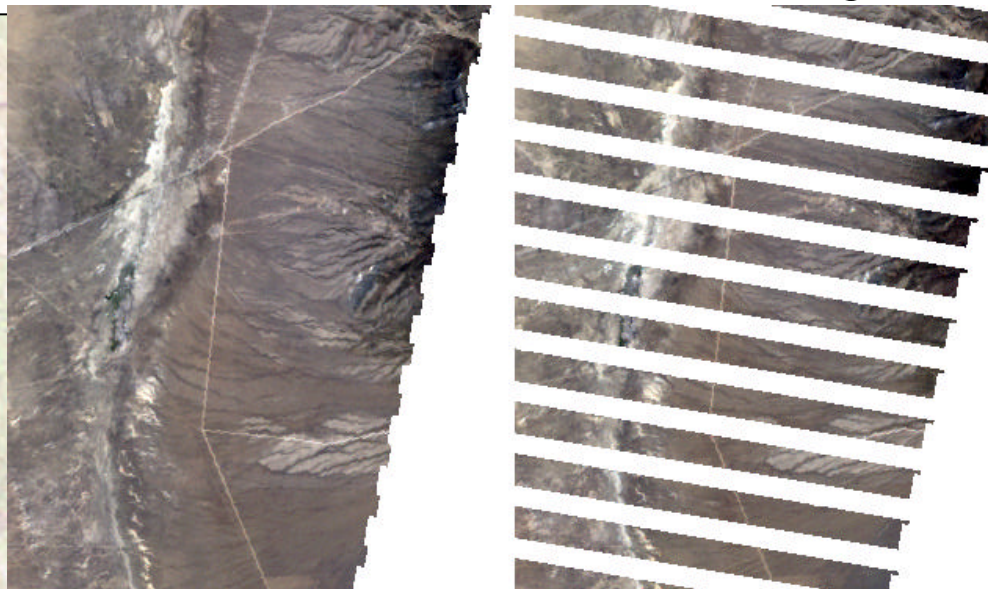
- Results in the inability to collect ~25% of the data.
- The specific data “missed” is a function of when the instrument is turned on.
  - Gaps in the data can be filled with data from other acquisitions.
- USGS systems are now able to process degraded data into Level 1 products.
  - Began production Oct. 22, 2003



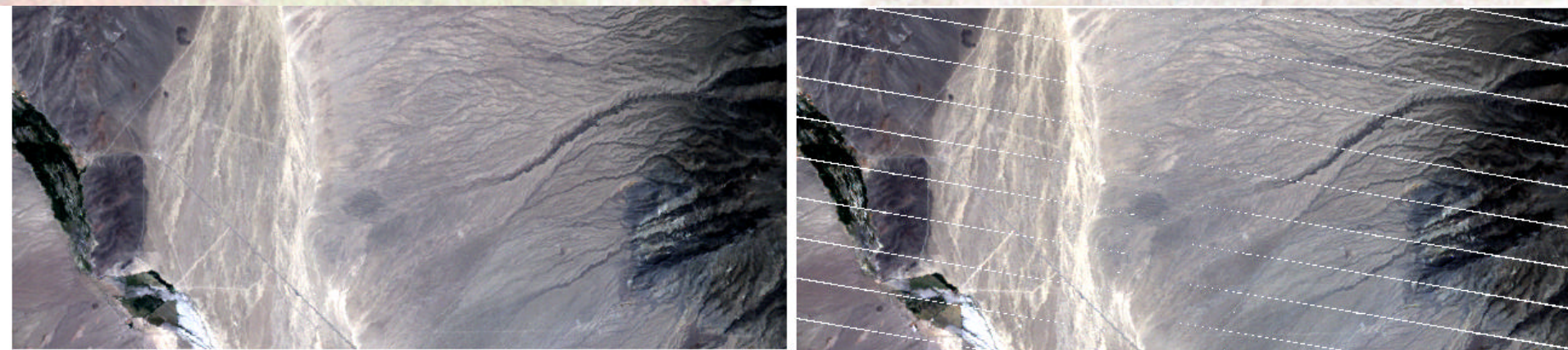


# Impact on Landsat 7 Data


(before on left, after on right)



**The effect of the SLC failure is greatest on the edges (top) and is least in the center (below) of the scene**







Example of recently  
acquired data



For more information:  
<http://landsat7.usgs.gov>

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